

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A two-dimensional code comprising:
a finding pattern area ~~includes~~ including finding patterns ~~for discriminating to~~
discriminate a code area from a whole image;
a timing pattern area ~~includes~~ including timing patterns ~~for checking to check~~ a data
region position ~~of data region~~ and each ~~cells~~ cell in the a data region from a whole code
image, said timing pattern area being configured on three sides of said whole code image; and
a data area having recorded various kind of predetermined data and decoding
information ~~of data itself~~.
2. (Withdrawn) The two-dimensional code as claimed in claim 1, wherein said
finding pattern area is located in any one-side or faced each other two-side of edge surfaces,
and
said finding patterns comprises a predetermined number of bars which are different
from width with one another.
3. (Withdrawn) The two-dimensional code as claimed in claim 2, wherein said
finding patterns comprises two black bars wherein the width of said black bars are at least 1.5
times or more as a unit size of cell.

4. (Withdrawn) The two-dimensional code as claimed in claim 2, wherein said timing pattern area is located in at least any one or more sides of edge surface except said finding pattern area.

5. (Withdrawn and Currently Amended) The two-dimensional code as claimed in claim 4, wherein said timing pattern area comprises at least one more row and column of edge surfaces in a whole code plane, and the sizes size of the cells in each ~~areas~~ area are different from one another.

6. (Withdrawn and Currently Amended) The two-dimensional code as claimed in claim 1, wherein said data area comprises[[:]]
a first data code,
a Reed-Solomon code,
a second data code that codes ~~coded~~ and ~~recorded~~ records an error level information of said Reed-Solomon code, and
a BCH code.

7. (Withdrawn) The two-dimensional code as claimed in claim 6, wherein codeword data are extracted from said first data code and said Reed-Solomon code by error-level decision of said Reed-Solomon code from said BCH code.

8. (Previously Presented) The two-dimensional code as claimed in claim 1, wherein said coded data recorded in said data area are at least one among a figure, mark, Korean alphabet, English alphabet, or special character.

9. (Previously Presented) The two-dimensional code as claimed in claim 1, wherein said data are directly interpreted by decoding process.

10. (Currently Amended) The two-dimensional code as claimed in claim 1, further comprising a quiet zone for identification of an existence of said code, wherein a size of said quiet zone is at least ~~2X~~ which is a standard unit size of a cell in said code.

11-25 (Cancelled).